

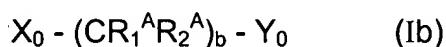
**IN THE CLAIMS:**

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Claims 1-16 (Cancelled)

El 17. (Currently Amended) A method to form ~~on surfaces of objects~~ films having hydro and oil repellant properties on surfaces of objects, said method comprising applying to said surfaces aqueous dispersions of fluorinated oligourethanes having a number average molecular weight lower than or equal to 9,000, determined by vapor pressure osmometry, said oligourethanes having a branched structure, optionally crosslinked, formed of the following monomers and macromers:

- a) aliphatic, cycloaliphatic or aromatic polyisocyanates, having NCO functionality, determined by titration with dibutylamine-HCl (ASTM D2572), higher than 2;
- b) bifunctional hydrogenated monomers wherein the two functions are chemically different, having general formula:



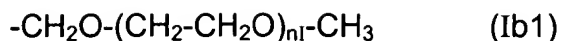
wherein:

$R_1^A$  and  $R_2^A$ , equal to or different from each other, are H, aliphatic radicals from 1 to 10 carbon atoms,

b is an integer in the range 1-20,

$X_0 = X_A H$  with  $X_A = O, S$ ,

$Y_0$  is anionic or cationic salifiable function, or, when in the formula (Ib)  $X_0 = OH$ ,  $b = 1$ ,  $R_1^A = R_2^A = H$ ,  $Y_0$  is a hydrophilic group having formula



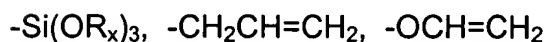
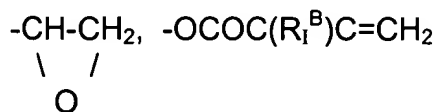
wherein  $nI$  is an integer in the range 3-20;

and one or more of the following compounds:

- c) bifunctional hydroxyl (per)fluoropolyethers having a number average molecular weight in the range 400-3,000;
- e) monofunctional hydroxyl (per)fluoropolyethers ( $e^0$ ) or monofunctional hydroxyl (per)fluoroalkanes ( $e'$ ), said compounds ( $e^0$ ) and ( $e'$ ) having a number average molecular weight in the range 300-1,000,

and optionally the following compounds:

- d) hydrogenated monomers capable to insert a crosslinkable chemical function in the oligourethane, having the formula (Ib), wherein  $R_1^A$ ,  $R_2^A$ ,  $b$  and  $X_0$  are as above defined and  $Y_0$  is selected from the following functional groups:



wherein

$\text{R}_1^B = \text{H}, \text{CH}_3$ ;

$\text{R}_x$  is a saturated  $\text{C}_1\text{-C}_5$ ;

- d<sup>1</sup>) hydrogenated-active compounds, capable to form bonds with the NCO functions stable at the hydrolysis by labile to heat.

18. (Previously Presented) The method according to claim 17, wherein films are obtained by crosslinking with polyisocyanates oligourethanes comprising the component c).

19. (Previously Presented) The method according to claim 17, wherein films are obtained by thermally or photochemically crosslinking oligourethane comprising the optional component d).

20. (Previously Presented) The method according to claim 17, wherein films are obtained by thermally crosslinking oligourethane comprising components c) and d').

21. (Previously Presented) The method according to claim 17, wherein the a) aliphatic, cycloaliphatic or aromatic polyisocyanates have NCO functionality, determined by titration with dibutylamine-HCl (ASTM D2572), in the range 3-4.

22. (Previously Presented) The method according to claim 17, wherein for b), b is an integer in the range 1-10.

23. (Previously Presented) The method according to claim 17, wherein the number average molecular weight of c) bifunctional hydroxyl (per)fluoropolyethers (PFPE diols) is in the range 700-2,000.

24. (Previously Presented)

The method according to claim 17, wherein the number average molecular weight of e) monofunctional hydroxyl (per)fluoropolyethers (e<sup>0</sup>) or monofunctional hydroxyl (per)fluoroalkanes (e') is in the range 400-800.

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